

Figure S.1 SDS-PAGE analysis of mDHFR prepared in minimal media supplemented with 3 mM Nal and free of exogenous Phe. Expression was induced by 1 mM IPTG, and cells were harvested 5 hr after induction. Conditions are noted at the top of each lane. Lane 1 shows molecular weight standards.

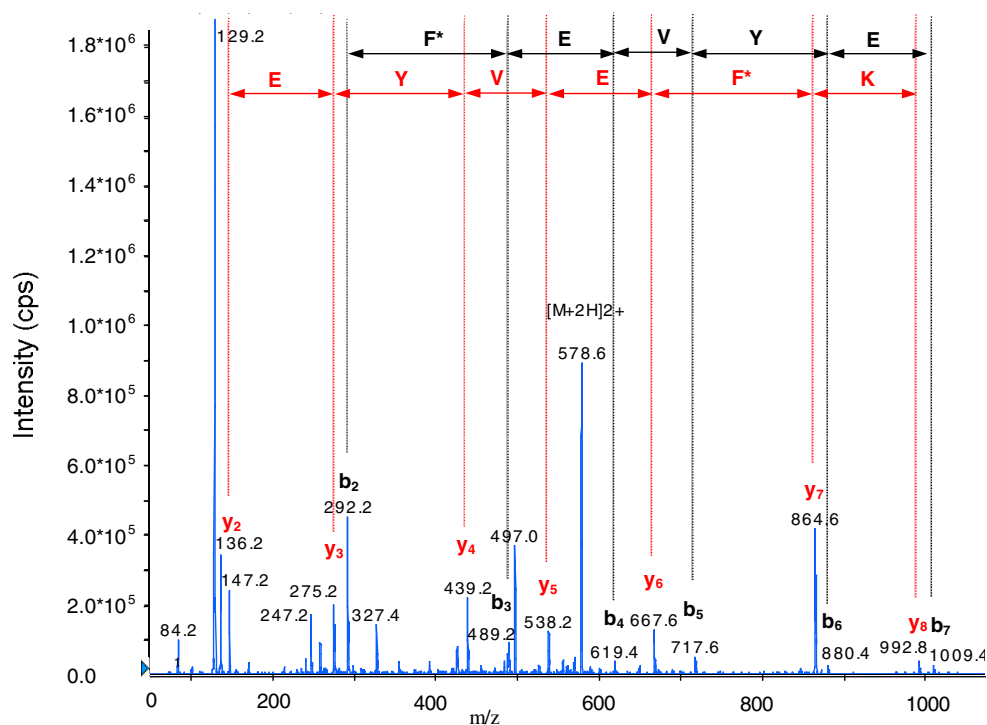


Figure S.2 Tandem mass spectrum of the Peptide 1_{UUU}(Nal) YKF*EVYEK. The doubly-charged ion at 578.6 daltons was selected and fragmented. The sequence of the peptide containing Nal (F*) can be read from the annotated b (black) or y (red) ion series.